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A METHOD AND APPARATUS FOR TRANSCEIVER NOISE REDUCTION IN A  
FRAME-BASED COMMUNICATIONS NETWORK

ABSTRACT OF THE DISCLOSURE

A method of and apparatus for noise reduction for a transceiver transmitting frames over a transmission medium in a frame-based communications network. A transceiver transmit path and a transceiver receive path is provided. A blocking switch is located in the transceiver transmit path, the blocking switch allowing transmit signal propagation when enabled, while preventing both transmit signal propagation and circuit device noise coupling from the transceiver transmit path to the transceiver receive path when the blocking switch is disabled. The blocking switch is disabled when the transceiver transmit path is not transmitting frames over the frame-based communications network.

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